

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002437

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07D223/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BEILSTEIN Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 692 522 A (PARSONS WILLIAM H ET AL) 8 September 1987 (1987-09-08) cited in the application column 22; example 2B column 38; example 23	1-13,37
Y	column 22, example 2B; and column 38, example 23	14-21
Y	column 22, example 2B; and column 38, example 23	22-36
X	US 4 575 503 A (WATTHEY JEFFREY W H) 11 March 1986 (1986-03-11) cited in the application column 48 - column 51; examples 23,27 column 29 - column 32; example 1	1-12, 37-41
Y		14-21
	----- -/-- -----	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

14 January 2005

Date of mailing of the international search report

27/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Fink, D

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002437

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DATABASE WPI Section Ch, Week 198011 Derwent Publications Ltd., London, GB; Class B02, AN 1980-19248C XP002313598 -& JP 55 015418 A (RANBAXY LABS LTD) 2 February 1980 (1980-02-02) WPI abstract; and page 105, Scheme 2 of JP-A-55/015418	14-21
X	WO 02/076375 A (THAPER RAJESH KUMAR ; DE SHANTANU (IN); KUMAR YATENDRA (IN); RANBAXY L) 3 October 2002 (2002-10-03) cited in the application	38-41
Y	the whole document	22-36
A	HOUBEN-WEYL: "Methoden der Organischen Chemie, vol. V/2b: "Arene und Arine" 1981, GEORG THIEME VERLAG , STUTTGART , XP002313339 pages 272-290: "III. Aus aromatischen Verbindungen durch Ersatz funktioneller Gruppen durch Wasserstoff"; in particular, pages 282-284: "mit Palladium Katalysatoren"	1-41

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2004/002437

### Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claim 41 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PC1/IB2004/002437

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4692522	A	08-09-1987	EP 0166357 A2	02-01-1986
US 4575503	A	11-03-1986	US 4473575 A	25-09-1984
			AR 242564 A1	30-04-1993
			AR 242190 A1	31-03-1993
			AR 242191 A1	31-03-1993
			AR 243165 A1	30-07-1993
			AR 243164 A1	30-07-1993
			AR 243163 A1	30-07-1993
			AR 243162 A1	30-07-1993
			AR 243161 A1	30-07-1993
			AT 50989 T	15-03-1990
			AT 48598 T	15-12-1989
			AU 574061 B2	30-06-1988
			AU 2443084 A	16-08-1984
			CA 1218993 A1	10-03-1987
			CA 1225397 A1	11-08-1987
			CY 1674 A	10-10-1993
			DD 218359 A5	06-02-1985
			DE 3480705 D1	18-01-1990
			DE 3481612 D1	19-04-1990
			DK 58184 A	11-08-1984
			DK 58284 A	11-08-1984
			EP 0119954 A2	26-09-1984
			EP 0119955 A2	26-09-1984
			ES 8609261 A1	16-12-1986
			ES 8707216 A1	01-10-1987
			ES 8702363 A1	16-03-1987
			ES 8703859 A1	16-05-1987
			ES 8609262 A1	16-12-1986
			ES 8705409 A1	16-07-1987
			ES 8609263 A1	16-12-1986
			ES 8609264 A1	16-12-1986
			ES 8700239 A1	01-01-1987
			ES 8609265 A1	16-12-1986
			FI 840513 A ,B,	11-08-1984
			GR 79809 A1	31-10-1984
			HK 97592 A	11-12-1992
			HU 192394 B	29-06-1987
			IE 56858 B1	01-01-1992
			IL 70881 A	30-10-1987
			JP 1774456 C	14-07-1993
			JP 4060108 B	25-09-1992
			JP 59172473 A	29-09-1984
			JP 1736778 C	26-02-1993
			JP 4021665 B	13-04-1992
			JP 59172475 A	29-09-1984
			KR 9009023 B1	17-12-1990
			NO 840487 A ,B,	13-08-1984
			NZ 207091 A	08-11-1985
			PT 78075 A ,B	01-03-1984
			SG 94992 G	04-12-1992
JP 55015418	A	02-02-1980	NONE	
WO 02076375	A	03-10-2002	BR 0208513 A	26-10-2004
			CA 2442573 A1	03-10-2002
			EP 1383741 A2	28-01-2004

Doc No: 002437

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/IB2004/002437

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 02076375 A		WO 02076375 A2 JP 2004526735 T	03-10-2002 02-09-2004